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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/533,921	Priyadarshi Gautam Desai	1415 US/PCT
		INTERNATIONAL APPLICATION NO.
		PCT/US03/32427
		I.A. FILING DATE PRIORITY DATE
		10/14/2003 10/16/2002

Vesuvius
 Attn Robert S Klemz Jr
 27 Noblestown Road
 Carnegie, PA 15106-1632

CONFIRMATION NO. 6081
371 FORMALITIES LETTER



OC000000016982580

Date Mailed: 09/16/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 05/04/2005
- Copy of the International Search Report filed on 05/04/2005
- Copy of IPE Report filed on 05/04/2005
- Preliminary Amendments filed on 05/04/2005
- Information Disclosure Statements filed on 05/04/2005
- U.S. Basic National Fees filed on 05/04/2005
- Priority Documents filed on 05/04/2005
- Power of Attorney filed on 05/04/2005
- Specification filed on 05/04/2005
- Claims filed on 05/04/2005
- Abstracts filed on 05/04/2005
- Drawings filed on 05/04/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$130** for a Large Entity:

- **\$130** Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

BARBARA A CAMPBELL

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PART 2 - OFFICE COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/533,921	PCT/US03/32427	1415 US/PCT

FORM PCT/DO/EO/905 (371 Formalities Notice)